

AMENDMENTS TO THE CLAIMS

Claims 1. – 88. (CANCELLED)

89. (New) A method of increasing oxygen levels in a tissue of an individual in need thereof, the method comprising administering a composition to said individual, wherein said composition comprises between about 10% and about 25% free available oxygen by volume.

90. (New) The method of claim 89, wherein the composition comprises a solution, gel, semi-solid, paste, lotion, mist, spray, foam, suppository, ointment, or emulsion.

91. (New) The method of claim 90, wherein said composition comprises a solution, wherein said solution comprises an aqueous solution.

92. (New) The method of claim 91, wherein said aqueous solution is administered in the form of a drop.

93. (New) The method of claim 91, wherein said aqueous solution is supported by a substrate.

94. (New) The method of claim 89, wherein the composition is administered topically, transcutaneously, transdermally, subcutaneously, subdermally, intravenously, intradermally, intrathecally or intraperitoneally.

95. (New) The method of claim 94, wherein said composition is administered locally to said tissue.

96. (New) The method of claim 94, wherein said composition is administered by injection.

97. (New) The method of claim 89, wherein said composition is a sustained release form.

98. (New) The method of claim 89, wherein said composition is administered by a transdermal patch or in the form of a body wrap,

99. (New) The method of claim 89, wherein said tissue is hypoxic tissue.

100. (New) The method of claim 89, wherein said tissue comprises eye tissue.

101. (New) The method of claim 89, wherein said individual is suffering from a medical condition of the eye or pain.

102. (New) The method of claim 101, wherein said medical condition of the eye is selected from the group consisting of retinopathy, diabetic retinopathy, macular degeneration, glaucoma, ocular ischemia, and corneal hypoxia.

103. (New) A method of treating a medical condition in an individual in need of increased tissue oxygen levels, the method comprising administering a composition to said individual, wherein said composition comprises between about 10% and about 25% free available oxygen by volume.

104. (New) The method of claim 103, wherein said medical condition is selected from the group consisting of retinopathy, diabetic retinopathy, macular degeneration, glaucoma, ocular ischemia, and corneal hypoxia.

105. (New) The method of claim 103, further comprising treating said individual with gene therapy.